

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011650**Date Inspected:** 21-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Watson Bowman Acme / Niagara Testing**Location:** Amherst, NY / Buffalo, N**CWI Name:** John Miller, Greg Ross**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Seismic Joint (Hinge AW & AE)**Summary of Items Observed:**

On this date, Caltrans Quality Assurance Inspector (QA) Sherri Brannon is present at the Watson Bowman Acme (WBA) facility in Amherst, New York for the purpose of observing Procedure Qualification Record (PQR) test fabrication of the Seismic Joint (Hinge AW & AE).

**WBA Shop- (PQR-Fillet test #5):**

QA Inspector Brannon witnessed WBA welder Mr. Vincent Gebeczyk welding Figure 5.8 Fillet Weld Soundness Test (macroetch) for WPS Qualification - test plate (D) from their existing Procedure Qualification Record (PQR) number NY-WBA-08-3J. QA Inspector Brannon observed WBA QC CWI Mr. John Miller and Mr. Greg Ross monitoring the PQR test. QC Mr. Miller performed visual inspection on the test plate and rejected the fillet weld soundness test. Note: Reference document Request For Information (RFI) ABF-RFI-002017R00.

WBA Mr. Greg Ross informed QA Inspector Brannon that the WPS verification test plate for the FCAW 1G test plate B has been taken to Analytical Services, Inc. for radiography testing (RT). Mr. Ross stated that we should have the RT results by this afternoon. Later in the day Mr. Ross informed QA Inspector Brannon that Mr. John Lyon's had completed the (RT) testing and after examination of the radiographic film Mr. Lyon's has accepted the (RT) film review.

QA Inspector Brannon traveled with Watson Bowman Acme, Mr. Greg Ross to Niagara Testing in Buffalo, New York to transport the FCAW 1G test plate figure 5.2 WPS verification test plate B for mechanical testing. Mr. Ross and QA Inspector Brannon met with Niagara Testing Mr. Don Morrison. Mr. Morrison informed Mr. Ross and QA Inspector Brannon that the samples for mechanical testing should be ready to witness on Wednesday

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

January, 27, 2010.

The following digital photograph below illustrates observation of the activities being performed.



### Summary of Conversations:

As stated within this report.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey, (510) 301-0162, who represents the Office of Structural Materials for your project.

---

**Inspected By:** Brannon, Sherri

Quality Assurance Inspector

---

**Reviewed By:** Levell, Bill

QA Reviewer